Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

6

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-53645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Cliff Ridge

8. FARM OR LEASE NAME: Unit

2. NAME OF OPERATOR: Celsius Energy Company

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902

10. FIELD AND POOL, OR WILDCAT: ~~Cliff Ridge~~ Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1996' FWL, 1627' FNL, SE NW
At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 10 miles east of Jensen, Utah.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1996'

16. NO. OF ACRES IN LEASE: 544.76

17. NO. OF ACRES ASSIGNED TO THIS WELL: NA

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: None

19. PROPOSED DEPTH: 4300'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

22. APPROX. DATE WORK WILL START*: April 15, 1986

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36	300'	165 sx Regular Type G w/3% CaCl and 1/4-pound flocele/sack
8-3/4	7	23	4300'	1000' above uppermost potential productive zone with 50-50 Pozmix

RECEIVED
MAR 18 1986
DIVISION OF
OIL, GAS & MINING

See attached drilling plan.

NOTE: In accordance with Rule 302 of the Utah Oil and Gas Conservation Rules, Celsius Energy Company requests that the footage location requirement be waived due to unitization. The ownership within 460 feet of the drill site is the same as that of the location.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED A. J. Mauer TITLE Drilling Superintendent DATE 3/13/86

(This space for Federal or State office use)

PERMIT NO. 43-047-31705 APPROVAL DATE

APPROVED BY TITLE DATE

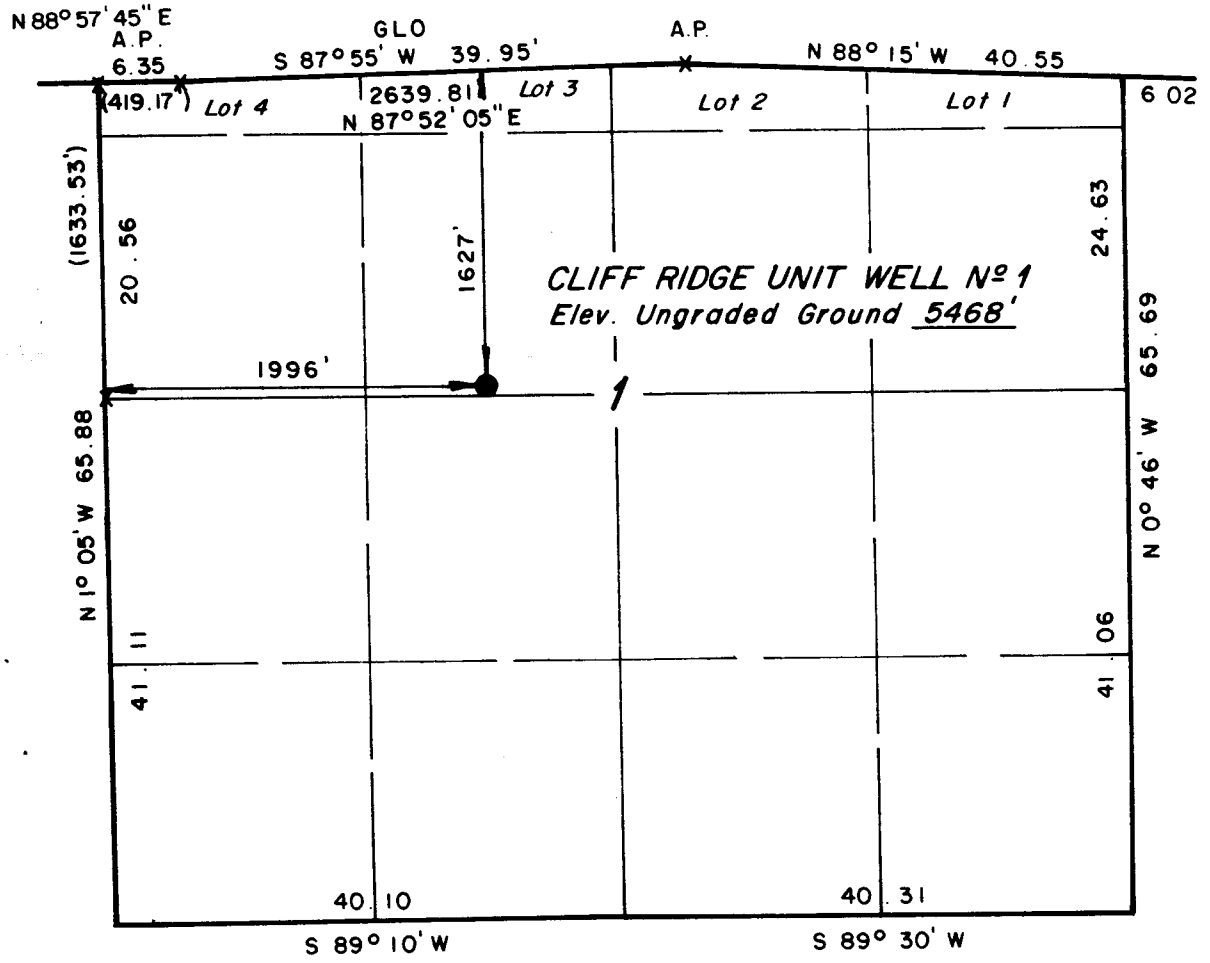
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING
DATE: 3-24-86
By: John R. Baza
WELL SPACING: 203

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T 6 S, R 24 E, S.L.B. & M.



X = Section Corners Located

PROJECT

CELSIUS ENERGY COMPANY

Well location, *CLIFF RIDGE UNIT WELL Nº 1*, located as shown in the SE 1/4 NW 1/4 Section 1, T 6 S, R 24 E, S.L.B. & M. Uintah County, Utah

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Nelson Mendenhall

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3 / 10 / 86
PARTY LDT JK BFW	REFERENCES GLO Plat
WEATHER Fair	FILE CELSIUS ENERGY CO.

DRILLING PLAN
Celsius Energy Company
Cliff Ridge Unit Well No. 1
SE NW 1-6S-24E
Lease No. U-53645
Uintah County, Utah

1 & 2. SURFACE FORMATION, ESTIMATED TOPS AND WATER, OIL, GAS OR MINERAL BEARING FORMATIONS:

Mancos	-	Surface
Frontier	-	500', possible coal
Mowry	-	770'
Dakota	-	900'
Morrison	-	1,190', gas
Curtis	-	1,740'
Entrada	-	1,940', gas
Carmel	-	2,100'
Navajo	-	2,180'
Chinle	-	2,880'
Gartra	-	3,000'
Moenkopi	-	3,100'
Park City	-	3,630', objective, oil
Weber	-	3,800', objective, oil
Total Depth	-	4,300'

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determined commercial potential.

3. PRESSURE CONTROL EQUIPMENT: (See attached diagram) Operator's minimum specifications for pressure control equipment requires an 11-inch 3000 psi double gate hydraulically operated blowout preventer and an 11-inch 3000 psi annular preventer. Ram-type preventers will be tested to 2000 psi and annular preventers will be tested to 1500 psi for 15 minutes using professional testing company. NOTE: The surface casing will be pressure tested to a minimum of 1000 psi; or one psi per foot; or 70 percent of the internal yield of the casing, whichever is applicable. BOP's will be checked daily as to mechanical operating condition and will be tested after each string of casing is run. All ram type preventers will have hand wheels which will be operative at the time the preventers are installed.

BOP systems will be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and

operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. CASING PROGRAM:

Footage	Size	Grade	Wt.	Condition	Thread	Cement
300	9-5/8	K-55	36	New	8 rd ST&C	165 sacks Regular Type G with 3% calcium chloride and 1/4-pound flocele/sack; cement will be brought to surface.
4300	7	K-55	23	New	8 rd LT&C	Cement top will be brought 1000 feet above any potential producing zone with 50-50 Pozmix with 2% gel.

AUXILIARY EQUIPMENT:

a) Manually operated kelly cock
b) No floats at bit
c) Monitoring of mud system will be visual
d) Full opening floor valve manually operated

The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. MUD PROGRAM: A gel chemical water base mud will be used from surface casing to total depth.

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at the wellsite.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

6. LOGGING: DIL-GR from surface casing to total depth
BHC-Sonic from surface casing to total depth
FDC-CNL from surface casing to total depth
HDT from surface casing to total depth
FIL from surface casing to total depth

TESTING: Two Drill Stem Tests are anticipated in the Weber formation.

CORING: None.

Daily drilling and completion reports shall be submitted to the Bureau of Land Management, Vernal, Utah on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after

completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

7. ABNORMAL PRESSURE AND TEMPERATURE: No abnormal pressures are expected; a BHT of 108°F. and a BHP of 1860 psi are anticipated.

8. ANTICIPATED STARTING DATE: April 15, 1986

DURATION OF OPERATION: 10 days drilling

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the AO, and all conditions of this approval plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, will be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a priod of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application will be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

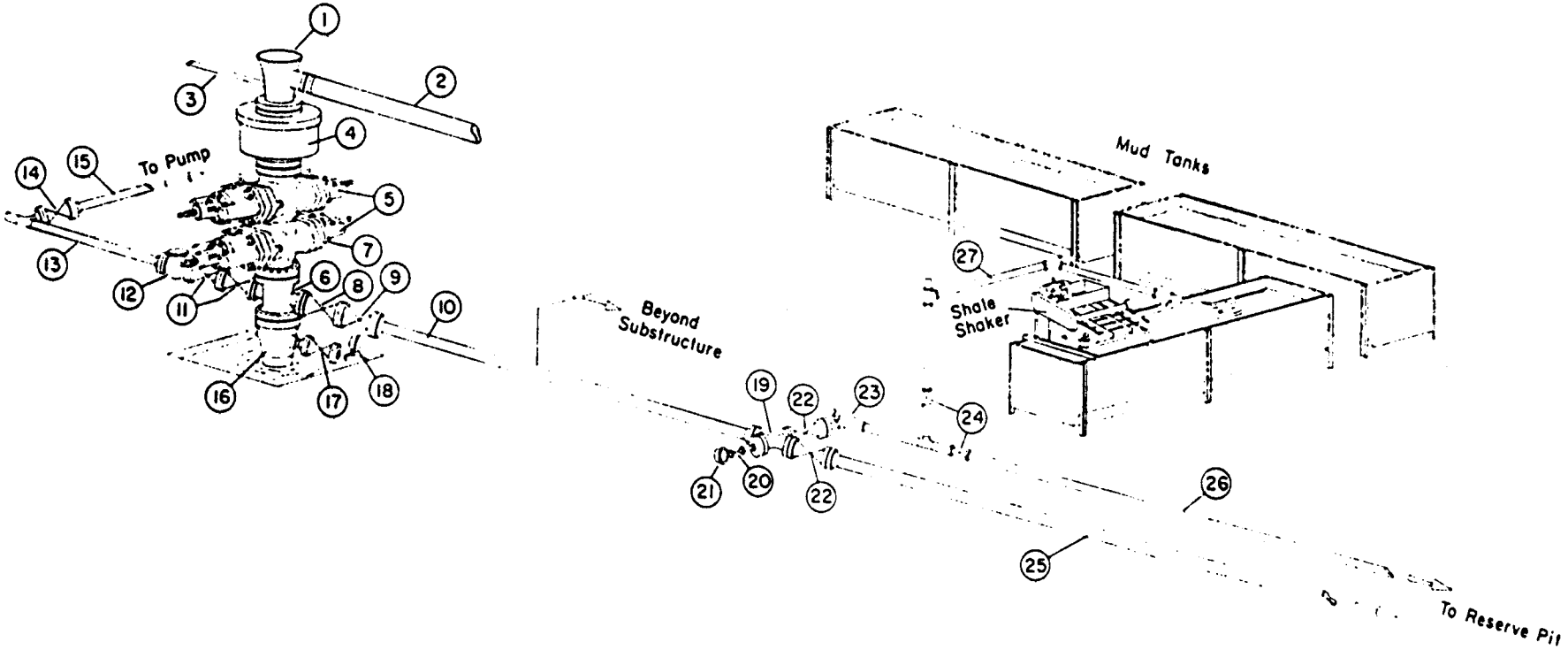
A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

CELSIUS/WEXPRO
3000 psi BLOWOUT PREVENTION EQUIPMENT



STANDARD STACK REQUIREMENTS

Nº	ITEM	NOMINAL	ID	TYPE	FURNISHED BY	
					OPER.	CONTR.
1	Drilling Nipple (Rotating Head when air drilling)					
2	Flowline					
3	Fill up Line (eliminated for air drilling)	2"				
4	Annular Preventer			Hydril Cameron Shaffer		
5	Two Single or One dual Hydril oper rams.			F.OBC F.ERS; R.F		
6	Drilling spool with 3" and 2" outlets			Forged		
7	As Alternate to (6) Run & Kill and Choke lines from outlets in this ram					
8	Gate Valve		3-1/8			
9	Valve-hydraulically operated (Gate)		3-1/8			
10	Choke Line	3"				
11	Gate Valves		2-1/16			
12	Check Valve		2-1/16			
13	Kill Line	2"				
14	Gate Valve		2-1/16			
15	Kill Line to Pumps	2"				
16	Casing Head					
17	Valve Gate ____ Plug ____		1-13/16			
18	Compound Pressure Cage					
	Wear Bushing					

STANDARD CHOKE AND KILL REQUIREMENTS

Nº	ITEM	NOMINAL	ID	TYPE	FURNISHED BY	
					OPER.	CONTR.
19	Cross 3" X 3" 3" X 2"					
20	Gate Valve		1-13/16			
21	Compound Pressure Gage					
22	Gate Valves		3-1/8			
23	Choke Cam H-2 or equilivent	3"	2"			
24	Gate Valves		3-1/8"			
25	Line	3"				
26	Line	3"				
27	Line	3"				

OPERATOR Celsius Energy Co. DATE 3-21-86

WELL NAME Cliff Ridge Unit 1

SEC SE NW 1 T. 6S R 24E COUNTY Uintah

43-047-31785	Fed.
API NUMBER	TYPE OF LEASE

CHECK OFF:

[✓] PLAT	[✓] BOND	[✓] NEAREST WELL
[✓] LEASE	[ ] FIELD	[✓] POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit Well - approved 3-17-86

Need water permit

APPROVAL LETTER:

SPACING: [✓] 203 Cliff Ridge UNIT [ ] 302

[ ] CAUSE NO. & DATE [ ] 302.1

STIPULATIONS:

1- Water

0218T

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 24, 1986

Celsius Energy Company
P. O. Box 458
Rock Springs, Wyoming 82902

Gentlemen:

Re: Well No. Cliff Ridge Unit 1 - SE NW Sec. 1, T. 6S, R. 24E
1627' FNL, 1996' FWL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule 203, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.

6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31765.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson

8159T

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

N.4850

March 27, 1986

Celsius Energy Company
P. O. Box 458
Rock Springs, Wyoming 82902

Gentlemen:

Re: Well No. Cliff Ridge Unit 1 - SE NW Sec. 1, T. 6S, R. 24E
1627' FNL, 1996' FWL - Uintah County, Utah

The approval to drill the referenced well was granted on March 24 1986.

The API number assigned to this well is 43-047-31705 instead of 43-047-31765. We are sorry for the inconvenience that this may have caused you.

Sincerely,

Arlene Sollis

Arlene Sollis
Administrative Analyst

cc: Branch of Fluid Minerals
Well File

8989T-21

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT —" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-53645
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --
7. UNIT AGREEMENT NAME: Cliff Ridge
8. FARM OR LEASE NAME: Unit
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Cliff Ridge
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

1. OIL WELL [X] GAS WELL [ ] OTHER
2. NAME OF OPERATOR: Celsius Energy Company
3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1996' FWL, 1627' FNL, SE NW
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS XX	(Other)	
Other			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Request permission to change Casing and Cementing Program of the Drilling Plan for the above captioned well APD as follows:

Footage	Size	Grade	Wt.	Condition	Thread	Cement Program
60'	13-3/8	K-55	54.5	New	8 rd ST&C	360 sx Regular Type G with 3%
270'	13-3/8	H-40	48	New	8 rd ST&C	CaCl and 1/4-pound flocele/sack; cement will be brought to surface.
4300'	7	K-55	23	New	8 rd ST&C	Cement top will be brought 1000 feet above any potential producing zone with 50-50 Pozmix with 2% gel.

18. I hereby certify that the foregoing is true and correct

SIGNED A. J. Mauer TITLE Drilling Superintendent DATE March 31, 1986

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4-4-86
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-53645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Cliff Ridge

8. FARM OR LEASE NAME: Unit

2. NAME OF OPERATOR: Celsius Energy Company

9. WELL NO.: 1

3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902

10. FIELD AND POOL, OR WILDCAT: Cliff Ridge

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1996' FWL, 1627' FNL, SE NW
At proposed prod. zone:

MAR 1986

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 10 miles east of Jensen, Utah.

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
1996'	544.76	NA
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
None	4300'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

22. APPROX. DATE WORK WILL START*: April 15, 1986

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36	300'	165 sx Regular Type G w/3% CaCl and 1/4-pound flocele/sack
8-3/4	7	23	4300'	1000' above uppermost potential producing zone with 50-50 Pozmix

RECEIVED
APR 07 1986

See attached drilling plan.

MAR 18 1986

DIVISION OF
OIL, GAS & MINING

NOTE: In accordance with Rule 302 of the Utah Oil and Gas Conservation Rules, Celsius Energy Company requests that the footage location requirement be waived due to unitization. The ownership within 460 feet of the drill site is the same as that of the location.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED A. J. Mauer TITLE Drilling Superintendent DATE 3/12/86

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY L. K. Jorgensen TITLE DISTRICT MANAGER DATE 4/2/86

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Celsius Energy Company Well No. Cliff Ridge Unit No. 1

Location Sec. 1 T6S R24E Lease No. U-53645

Onsite Inspection Date March 14, 1986

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

In accordance with the Designation of Agent, once the Cliff Ridge No. 1 is completed, Celsius Energy Company will turn over operations of the well to the unit operator, Amoco Production Company.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered:

Fresh water may be encountered in the Frontier (±700-900'), Dakota (±900-1,190'), Morrison (?), Entrada (±1,940-2,100'), Navajo (±2,180-2,880'), Park City (±3,700'), and the Weber (±3,800-4,300') formations.

a. If encountered while drilling, please report all fresh water shows to Wayne Svejnoha of this office.

b. All fresh water flows will be sampled and analyzed. Samples and analysis will be provided to this office.

c. Any fresh water zones below the surface string, shall be adequately isolated or protected via the cementing program for the seven-inch casing.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

All B.O.P.E. shall be installed, tested and operated in accordance with API RP 53.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all

casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Morrison and Entrada gas zones, if encountered, will be adequately isolated or protected via the cementing program for the seven-inch casing.

Correlation with surrounding tests of the Weber formation indicates that hydrogen sulfide gas may be encountered. Therefore, H_2S sensors with audible/visual warning indicators shall be installed at the Bell-Nipple and at the Shale-Shaker. These sensors will be operational 200' prior to encountering the anticipated Weber formation top. If H_2S is encountered in any concentration, a H_2S contingency plan will be submitted to this office.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Please notify this office at least 4 hours prior to initiating any drill stem test.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations

and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Revised October 1, 1985

Date NOS Received 03/07/86
APD Received 03/18/86

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator Celsius Energy Company

Well Name & Number Cliff Ridge Unit No. 1

Lease Number U-53645

Location SE ¼ NW ¼ Sec. 1 T. 6 S. R. 24 E.

Surface Ownership BLM Administered Public Lands

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Existing Roads

Refer to APD with the following modification plans for improvement and/or maintenance of existing roads: The existing road will be upgraded where necessary. Three 20-inch line pipe culverts will be installed in the Cliff Creek Crossing and the road will be gravelled as necessary to facilitate traffic. Low water crossings will be installed as necessary in the remainder of the existing road. The existing road will be spot gravelled in some low areas identified during the onsite.

If production is established or a unit established for the area, then a more suitable permanent crossing of Cliff Creek will be needed. The operators involved in the unit should then consult with BLM regarding proposals for a suitable bridge or concrete reinforced crossing or other permanent alternative. Our District Operations staff would appreciate the opportunity to consider their proposals for a more suitable permanent crossing of Cliff Creek.

2. Planned Access Roads

The APD adequately describes the design and problems involved in the construction of the 2,200 foot planned new access road.

3. Methods for Handling Waste Disposal

On BLM administered lands:

The reserve pit shall be lined with commercial bentonite.

If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

The reserve pit will be lined to protect the environment (without a chemical analysis).

Produced waste water will be confined to a lined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

4. Well Site Layout

The reserve pit will be located as indicated in the APD.

The stockpiled topsoil will be stored on the west side of the location between points 1 and 8. Excess cut from construction and trees will be handled as indicated in the APD.

Access to the well pad will be as indicated in the APD.

5. Other Additional Information

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen Assistant District Manager for Minerals	(801) 247-2318
Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
R. Allen McKee Petroleum Engineer	(801) 781-1368

FILING FOR WATER IN THE STATE OF UTAH

APPLICATION TO APPROPRIATE WATER

Rec. by _____
Fee Paid $ _____
Platted _____
Microfilmed _____
Roll # _____

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

WATER USER CLAIM NO. 49 - 1389 **APPLICATION NO. T61589**

1. **PRIORITY OF RIGHT:** March 11, 1986 **FILING DATE:** March 11, 1986

2. **OWNER INFORMATION**
Name: D. E. Casada
Address: P.O.Box K, Vernal, UT 84078
The land is not owned by the applicant(s), see explanatory.

3. **QUANTITY OF WATER:** 4.0 acre feet (Ac. Ft.)

4. **SOURCE:** Green River **DRAINAGE:** SE Unita Basin
POINT(S) OF DIVERSION: **COUNTY:** Uintah
(1) W. 2640 feet, from the NE Corner of Section 28,
Township 5 S, Range 23 E, SLB&M
Description of Diverting Works: pumped into tank trucks
COMMON DESCRIPTION: .50 Mi. So. Jensen

5. **NATURE AND PERIOD OF USE**
Oil Recovery: From March 11 to March 11.

6. **PURPOSE AND EXTENT OF USE**
Oil Recovery: Oil Well drilling and completion of Cliff Ridge Unit # 1

7. **PLACE OF USE**
The water is used in all or parts of each of the following legal subdivisions.

			North East Quarter				North West Quarter				South West Quarter				South East Quarter			
TOWN	RANGE	SEC	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼
6 S	24 E	1								X								

All locations in Salt Lake Base and Meridian

EXPLANATORY

Diversion is on State Road Right of way

Appropriate

Water Permit No. 49-1389
(T61589)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-047-31705

NAME OF COMPANY: Celsius Energy Company

WELL NAME: Cliff Ridge Unit 1

SECTION SE NW 1 TOWNSHIP 6S RANGE 24E COUNTY Uintah

DRILLING CONTRACTOR B & E Rathole

RIG #

SPUDDED: DATE 4-14-86

TIME

HOW Dry Hole Digger

DRILLING WILL COMMENCE

REPORTED BY Shirley

TELEPHONE # 307-382-9791

DATE 4-15-86 SIGNED DBS

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO: U-53645
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ____
7. UNIT AGREEMENT NAME: Cliff Ridge
8. FARM OR LEASE NAME: Unit
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Cliff Ridge
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E

1. OIL WELL [X] GAS WELL [ ] OTHER
2. NAME OF OPERATOR: Celsius Energy Company
3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1996' FWL, 1627' FNL, SE NW

14. PERMIT NO.: 43-047-31705
15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Supplemental History			[X]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded with dry hole digger - B & E Rathole digger. Drilled 30' hole to 28' from surface. Ran 28' 20" O.D. .052" wall thickness. Cemented using Halco and pumped 100 sacks "G" regular three 1" at 28". Cement in place 6:00 pm 4-14-86.

RECEIVED
APR 17 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED A.J. Maser TITLE DRILLING SUPERINTENDENT DATE 4-15-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

5. LEASE DESIGNATION AND SERIAL NO: U-53645
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ------
7. UNIT AGREEMENT NAME: Cliff Ridge
8. FARM OR LEASE NAME: Unit
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Cliff Ridge
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

2. NAME OF OPERATOR: Celsius Energy Company
3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1996' FWL, 1624' FNL, SE NW
14. PERMIT NO.: 43-047-31705
15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Supplemental History			[X]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Moved on Olsen Rig #2 4-21-86.

Ready to drill.

RECEIVED
APR 24 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED C. A. Maser TITLE Drilling Superintendent DATE 4-22-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Celsius Energy Company

3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SE NW, 1996' FWL, 1624' FNL

5. LEASE DESIGNATION AND SERIAL NO.: U-53645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

7. UNIT AGREEMENT NAME: Cliff Ridge

8. FARM OR LEASE NAME: Unit

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Cliff Ridge

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E

14. PERMIT NO.: 43-047-31705

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
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SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Supplemental History			XXX
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 335', drilling.

Spud 4-22-86 at 9:15 A.M.

Olson Drilling Rig No. 2

RECEIVED
APR 28 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED A. J. Mauer TITLE Drilling Superintendent DATE April 25, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: U-53645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Cliff Ridge

2. NAME OF OPERATOR: Celsius Energy Company

8. FARM OR LEASE NAME: Unit

3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SE NW, 1996' FWL, 1627' FNL

10. FIELD AND POOL, OR WILDCAT: Cliff Ridge

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E

14. PERMIT NO.: 43-047-31705

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

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TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
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SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Supplemental History			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 2587', tripping for bit.

RECEIVED
MAY 05 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED A. J. Maser TITLE Drilling Superintendent DATE May 2, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

2

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-53645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Cliff Ridge

2. NAME OF OPERATOR: Celsius Energy Company

8. FARM OR LEASE NAME: Unit

3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SE NW, 1996' FWL, 1627' FNL

10. FIELD AND POOL, OR WILDCAT: Cliff Ridge

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E

RECEIVED
MAY 12 1986
DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.: 43-047-31705

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

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NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
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FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
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(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Depth 4120', drilling.

DST #1: TD 3990', Packers 3933' & 3942', IO 15 mins, ISI 30 mins, FO 30 mins, FSI 90 mins; Opened weak blow, declined to dead in 15 mins, no gas; reopened dead, remained dead, no gas; rec 3' mud, 8.9 ppg, Res 1.02, chl 5800 ppm; sample chamber rec 2200 cc mud, 9.1 ppg, Res 0.8; pit mud 9.0 ppg, Res 1.6, chl 3850 ppm; IHHP 1860, IOFP's 9-9, ISIP 9, FOFP's 9-9, FSIP 9, FHHP 1841, BHT 96°F.

DST #2: TD 4035', Packers 3997' & 4006', IO 30 mins, ISI 60 mins, FO 120 mins, FSI 120 mins; opened weak, continued throughout; reopened dead, remained weak declined to nearly dead, no gas; rec 372' water cut mud, 8.7 ppg, Res 1.2, 5800 ppm, 8.4 ppg, Res 2.12, 2800 ppm, 8.3 ppg, Res 3.6, 1500 ppm, sample chamber rec 2200 cc mud, 8.3 ppg, Res 3.2, 1700 ppm; pit mud 8.9 ppg, Res 1.15, 5100 ppm; IHHP 1870, IOFP's 19-65, ISIP 1711, FOFP's 74-204, FSIP 1711, FHHP 1860, BHT 97°F.

DST #3: TD 4085', Packers 4037' & 4046', IO 15 mins, ISI 60 mins, FO 60 mins, FSI 120 mins; opened weak increased to strong in 5 mins, NGTS; reopened weak increased to strong in 5 mins, increased to 5 psi on bubble hose in 35 mins and stabilized, NGTS; rec 2499' water, 8.3 ppg, 15.6 ohm-m, water too fresh to read, heated water to 94° to read on meter; sample chamber rec 2240 cc water, 14 ppg, 15.6; pit mud 8.9 ppg, 1.08 ohm-m, 3515 ppm; IHHP 1879, IOFP's 93-371, ISIP 1967, FOFP's 408-1049, FSIP 1767, FHHP 1879, BHT 99°F.

18. I hereby certify that the foregoing is true and correct

SIGNED A. J. Masse TITLE Drilling Superintendent DATE May 9, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
MAY 16 1986
DIVISION OF
OIL, GAS & MINING

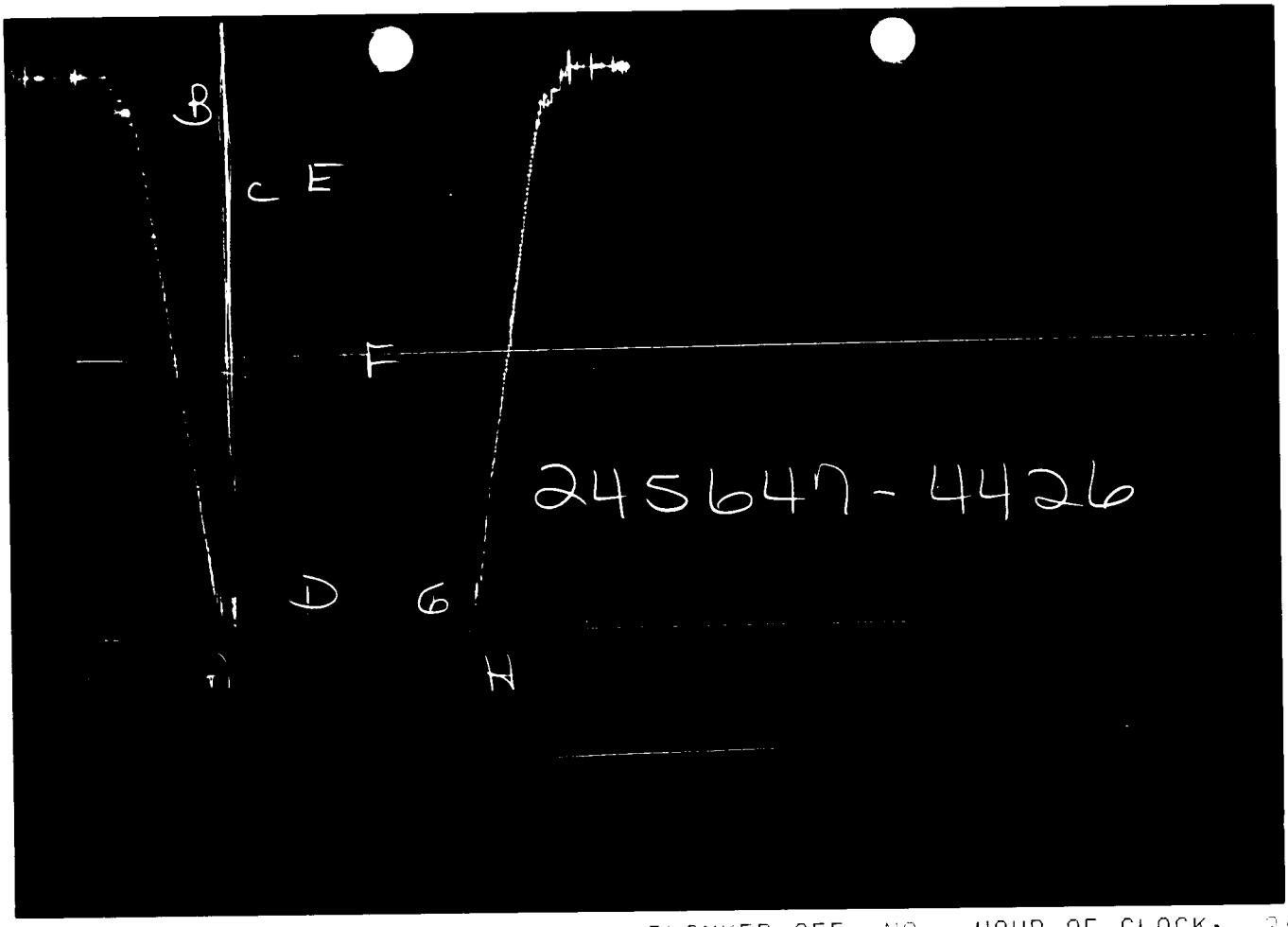
HALLIBURTON
SERVICES

TICKET NO. 24564700
13-MAY-86
VERNAL

FORMATION TESTING SERVICE REPORT

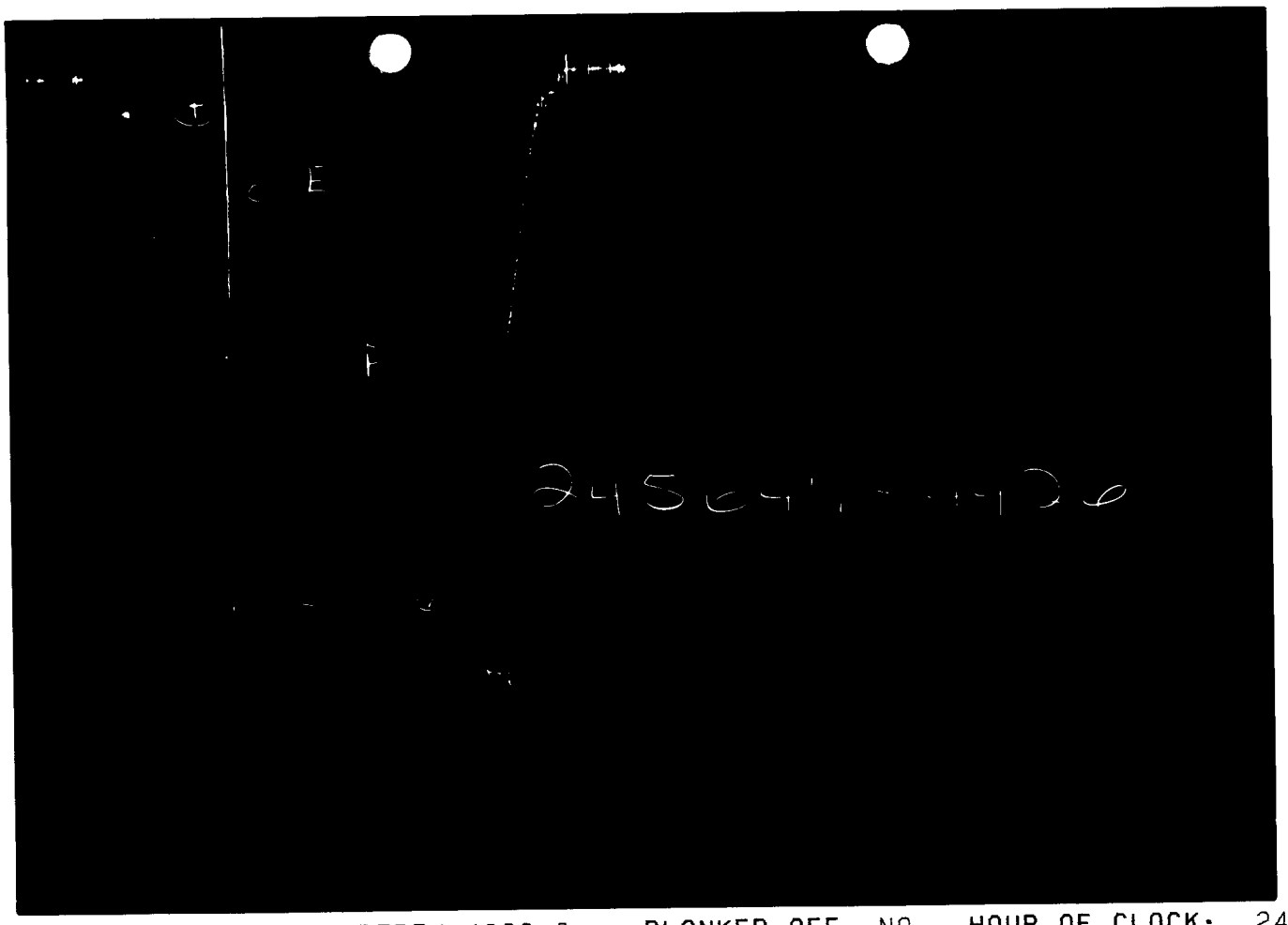
CLIFF RIDGE	1	3	4046.0 - 4085.0	CELSIUS ENERGY COMPANY
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME

LEGAL LOCATION SEC. - TWP. - RNG.	FIELD AREA	COUNTY	STATE	
1 - 6 SOUTH - 24 EAST	WILDCAT	UINTAH	UTAH	PW



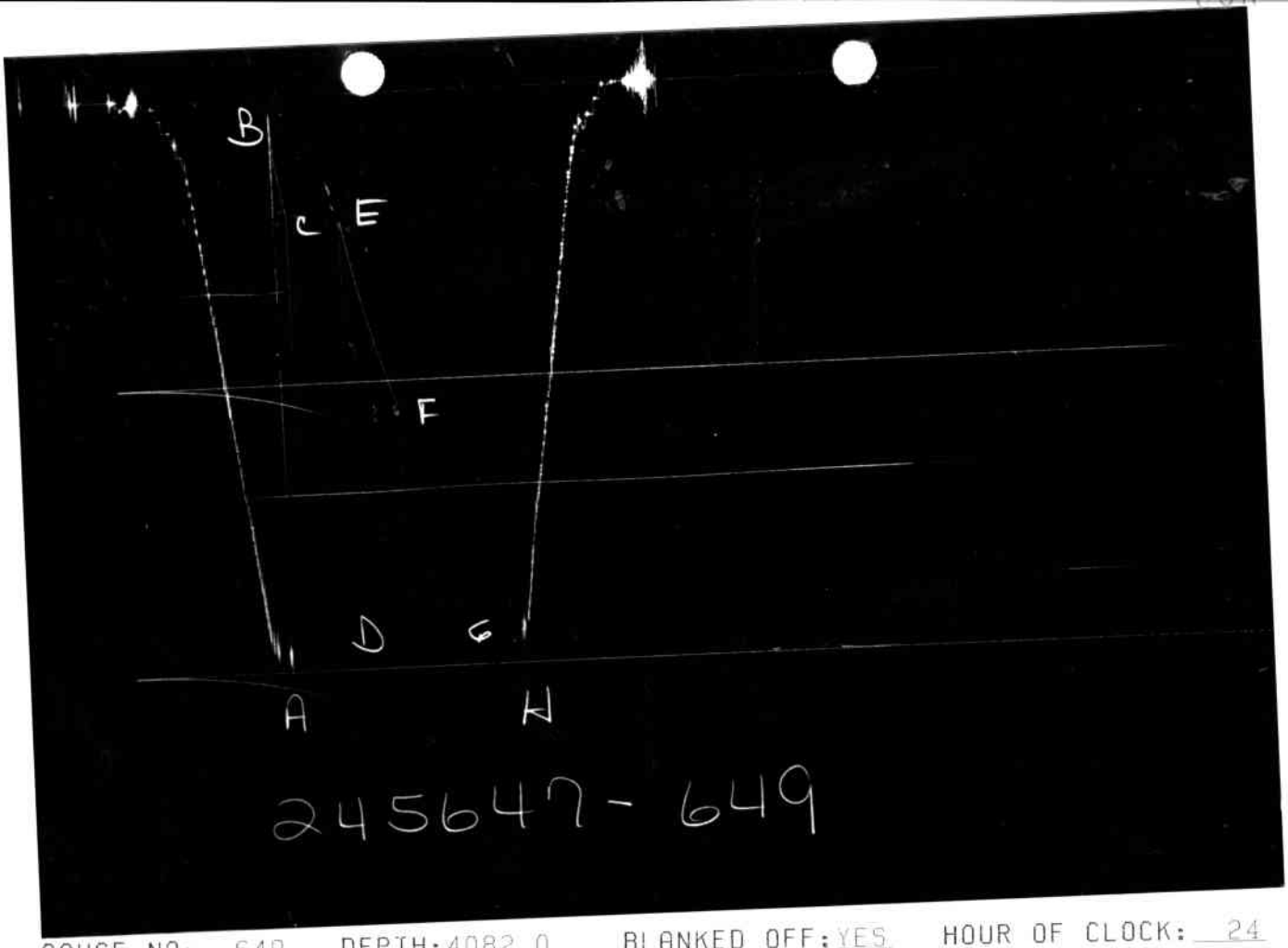
GAUGE NO: 4426 DEPTH: 4020.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1879	1892.4			
B	INITIAL FIRST FLOW	93	111.0	15.0	15.3	F
C	FINAL FIRST FLOW	371	381.3			
C	INITIAL FIRST CLOSED-IN	371	381.3	60.0	61.4	C
D	FINAL FIRST CLOSED IN	1767	1762.1			
E	INITIAL SECOND FLOW	408	414.0	60.0	59.1	F
F	FINAL SECOND FLOW	1049	1049.3			
F	INITIAL SECOND CLOSED-IN	1049	1049.3	120.0	119.1	C



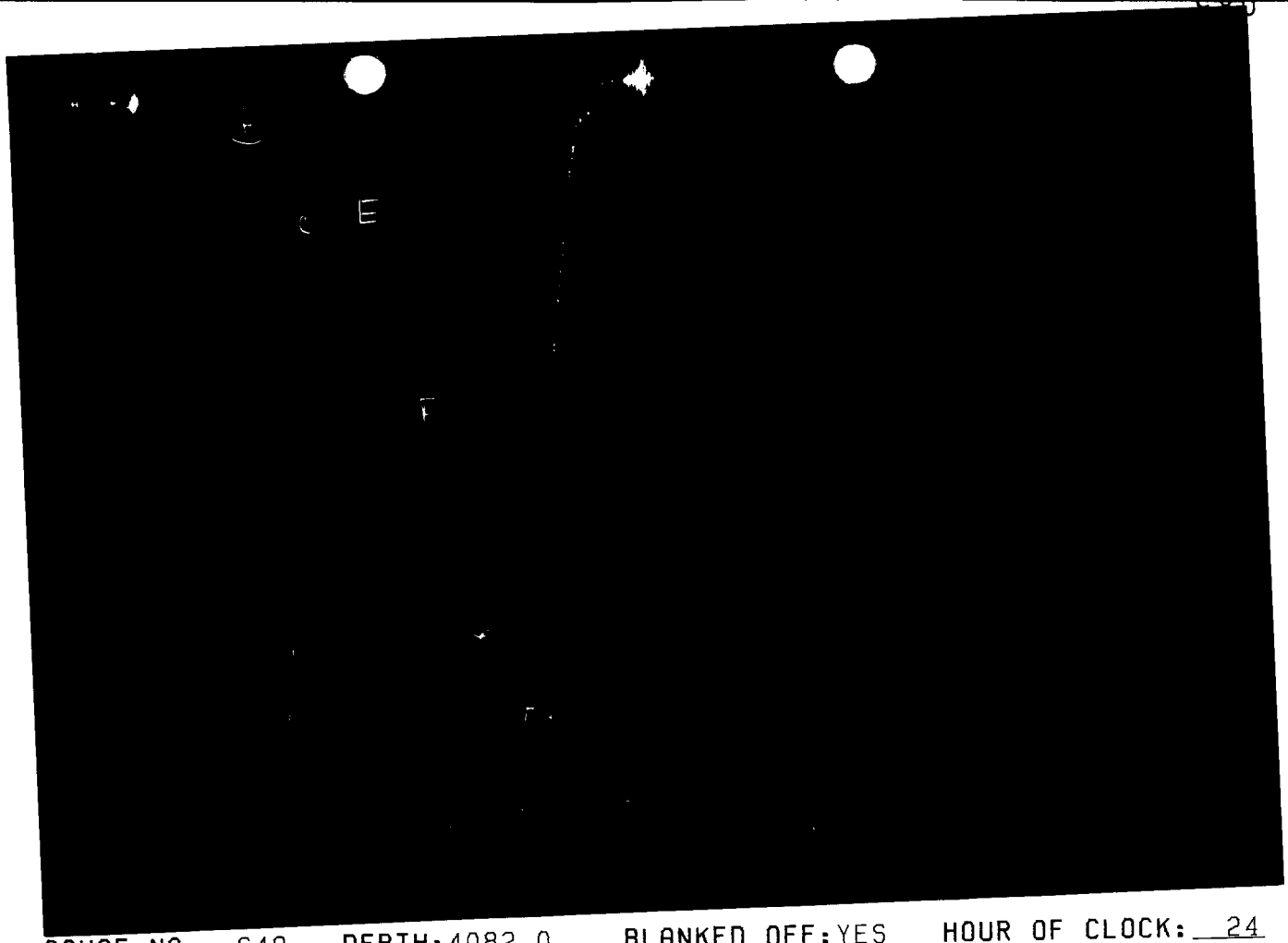
GAUGE NO: 4426 DEPTH: 4020.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1879	1892.4			
B	INITIAL FIRST FLOW	93	111.0	15.0	15.3	F
C	FINAL FIRST FLOW	371	381.3			
C	INITIAL FIRST CLOSED-IN	371	381.3	60.0	61.4	C
D	FINAL FIRST CLOSED-IN	1767	1762.1			
E	INITIAL SECOND FLOW	408	414.0	60.0	59.1	F
F	FINAL SECOND FLOW	1049	1049.3			
F	INITIAL SECOND CLOSED-IN	1049	1049.3	120.0	119.1	C
G	FINAL SECOND CLOSED-IN	1767	1763.3			
H	FINAL HYDROSTATIC	1879	1881.0			



GAUGE NO: 649 DEPTH: 4082.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1926	1921.3			
B	INITIAL FIRST FLOW	124	61.9	15.0	15.3	F
C	FINAL FIRST FLOW	399	414.9			
C	INITIAL FIRST CLOSED-IN	399	414.9	60.0	61.4	C
D	FINAL FIRST CLOSED-IN	1783	1787.9			
E	INITIAL SECOND FLOW	434	439.7	60.0	59.1	F
F	FINAL SECOND FLOW	1090	1079.3			
F	INITIAL SECOND CLOSED-IN	1090	1079.3	120.0	119.1	C
G	FINAL SECOND CLOSED-IN	1783	1788.8			
H	FINAL HYDROSTATIC	1908	1909.4			



GAUGE NO: 649 DEPTH: 4082.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1926	1921.3			
B	INITIAL FIRST FLOW	124	61.9	15.0	15.3	F
C	FINAL FIRST FLOW	399	414.9			
C	INITIAL FIRST CLOSED-IN	399	414.9	60.0	61.4	C
D	FINAL FIRST CLOSED-IN	1783	1787.9			
E	INITIAL SECOND FLOW	434	439.7	60.0	59.1	F
F	FINAL SECOND FLOW	1090	1079.3			
F	INITIAL SECOND CLOSED-IN	1090	1079.3	120.0	119.1	C
G	FINAL SECOND CLOSED-IN	1783	1788.8			
H	FINAL HYDROSTATIC	1908	1909.4			

EQUIPMENT & HOLE DATA

FORMATION TESTED: WEBER
NET PAY (ft):
GROSS TESTED FOOTAGE: 39.0
ALL DEPTHS MEASURED FROM: KB
CASING PERFS. (ft):
HOLE OR CASING SIZE (in): 7.875
ELEVATION (ft): 5468.0 GROUND LEVEL
TOTAL DEPTH (ft): 4085.0
PACKER DEPTH(S) (ft): 4037, 4046
FINAL SURFACE CHOKE (in):
BOTTOM HOLE CHOKE (in): 0.750
MUD WEIGHT (lb/gal): 8.90
MUD VISCOSITY (sec): 43
ESTIMATED HOLE TEMP. (°F):
ACTUAL HOLE TEMP. (°F): 99 @ 4081.0 ft

TICKET NUMBER: 24564700

DATE: 5-8-86 TEST NO: 3

TYPE DST: OPEN HOLE

HALLIBURTON CAMP: VERNAL

TESTER: RANDY RIPPLE
BLINN TENNEY

WITNESS: MIKE SLIGER

DRILLING CONTRACTOR: OLSON DRILLING #2

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY		CHLORIDES
TOP FLUID (8.7#)	1.300 @ 68 °F		2907 ppm
MIDDLE FLUID (8.33#)	15.600 @ 68 °F		ppm
BOTTOM FLUID	15.600 @ 68 °F		ppm
SAMPLER	15.600 @ 68 °F		ppm
MUD PIT	1.080 @ 68 °F		3515 ppm
	@ °F		ppm

SAMPLER DATA

Psig AT SURFACE: 14.0
cu.ft. OF GAS:
cc OF OIL:
cc OF WATER: 2240.0
cc OF MUD:
TOTAL LIQUID cc: 2240.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F
GAS/OIL RATIO (cu.ft. per bbl):
GAS GRAVITY:

CUSHION DATA

TYPE	AMOUNT	WEIGHT

RECOVERED:

2499 FEET OF FRESH WATER

MEASURED FROM TESTER VALVE

REMARKS:

NOTE: HEATED THE RECOVERED WATER TO 194 DEGREES AND HAD 5.1 RESISTIVITY IT WAS OFF THE SCALE WITHOUT HEATING IT.

TYPE & SIZE MEASURING DEVICE: _____ TICKET NO: 24564700

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
5-8-86					
1005					ON LOCATION
1035					PICKED-UP DST #3
1154					RUN IN HOLE WITH TOOLS
1416	1/8"BH				OPENED TOOL
1421	"	8.5 OZ			15" BLOW IN WATER
1426	"	15 OZ			27" BLOW IN WATER
1431	"	20 OZ			35" BLOW IN WATER - CLOSED TOOL
1531	1/8"BH				REOPENED TOOL - 1/2" BLOW
1536	"	7.5 OZ			12 1/2" BLOW IN WATER
1541	"	14 OZ			24" BLOW IN WATER
1546	"	20.5 OZ			35" BLOW IN WATER
1551	"	3#			
1556	"	3.75#			
1601	"	4.5#			
1606	"	5#			
1611	"	5#			
1616	"	5#			
1621	"	5#			
1626	"				
1631	"				CLOSED TOOL
1831					OPENED BYPASS - LAID DOWN 4
					JOINTS OF DRILL PIPE
					PULLED OUT OF HOLE
2040					DRAINED SAMPLER - BREAK AND
					LOADED TOOLS OUT.
2145					JOB COMPLETED

TICKET NO: 24564700

CLOCK NO: 11654 HOUR: 24

HALLIBURTON SERVICES

GAUGE NO: 4426

DEPTH: 4020.0

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
			FIRST FLOW			
B	1	0.0	111.0			
	2	3.0	155.4	44.3		
	3	6.0	243.7	88.3		
	4	9.0	291.0	47.3		
	5	12.0	337.2	46.2		
C	6	15.3	381.3	44.1		
			FIRST CLOSED-IN			
C	1	0.0	381.3			
	2	4.0	1666.5	1285.2	3.2	0.681
	3	8.0	1709.0	1327.7	5.3	0.464
	4	12.0	1730.7	1349.4	6.7	0.357
	5	16.0	1740.2	1358.9	7.8	0.292
	6	20.0	1746.9	1365.7	8.7	0.247
	7	24.0	1750.7	1369.5	9.3	0.214
	8	28.0	1754.1	1372.8	9.9	0.189
	9	32.0	1755.7	1374.4	10.4	0.169
	10	36.0	1757.6	1376.3	10.7	0.154
	11	40.0	1758.8	1377.5	11.1	0.141
	12	44.0	1759.9	1378.6	11.3	0.130
	13	48.0	1760.3	1379.0	11.6	0.120
	14	52.0	1760.8	1379.6	11.8	0.112
	15	56.0	1761.6	1380.3	12.0	0.105
D	16	61.4	1762.1	1380.9	12.2	0.097
			SECOND FLOW			
E	1	0.0	414.0			
	2	10.0	545.4	131.4		
	3	20.0	669.6	124.2		
	4	30.0	782.6	113.0		
	5	40.0	881.4	98.8		
	6	50.0	977.3	95.9		
F	7	59.1	1049.3	71.9		
			SECOND CLOSED-IN			
F	1	0.0	1049.3			
	2	8.0	1722.7	673.4	7.2	1.012
	3	16.0	1741.2	692.0	13.2	0.752
	4	24.0	1749.6	700.4	18.2	0.613
	5	32.0	1754.2	704.9	22.4	0.522
	6	40.0	1756.9	707.6	26.0	0.456
	7	48.0	1758.4	709.1	29.2	0.407
	8	56.0	1759.4	710.2	32.0	0.367
	9	64.0	1760.3	711.0	34.4	0.335
	10	72.0	1761.0	711.8	36.6	0.308
	11	80.0	1761.7	712.4	38.6	0.286

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
			SECOND CLOSED-IN - CONTINUED			
	12	88.0	1761.8	712.5	40.3	0.266
	13	96.0	1762.3	713.1	41.9	0.249
	14	104.0	1762.5	713.2	43.4	0.234
	15	112.0	1762.6	713.3	44.7	0.221
G	16	119.1	1763.3	714.1	45.8	0.211

REMARKS:

TICKET NO: 24564700

CLOCK NO: 2786 HOUR: 24

HALLIBURTON SERVICES

GAUGE NO: 649

DEPTH: 4082.0

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
			FIRST FLOW			
B	1	0.0	61.9			
	2	3.0	219.1	157.3		
	3	6.0	271.2	52.0		
	4	9.0	318.3	47.1		
	5	12.0	365.9	47.6		
C	6	15.3	414.9	49.0		
			FIRST CLOSED-IN			
C	1	0.0	414.9			
	2	4.0	1688.8	1273.9	3.2	0.680
	3	8.0	1738.3	1323.4	5.3	0.463
	4	12.0	1757.8	1342.9	6.7	0.356
	5	16.0	1767.4	1352.5	7.8	0.292
	6	20.0	1773.5	1358.6	8.7	0.247
	7	24.0	1777.9	1363.0	9.3	0.214
	8	28.0	1780.4	1365.5	9.9	0.190
	9	32.0	1782.1	1367.2	10.4	0.170
	10	36.0	1783.8	1368.9	10.7	0.154
	11	40.0	1785.0	1370.1	11.1	0.141
	12	44.0	1785.8	1370.9	11.4	0.129
	13	48.0	1786.6	1371.7	11.6	0.120
	14	52.0	1787.0	1372.1	11.8	0.112
	15	56.0	1787.5	1372.6	12.0	0.105
D	16	61.4	1787.9	1373.0	12.2	0.097
			SECOND FLOW			
E	1	0.0	439.7			
	2	10.0	577.1	137.4		
	3	20.0	703.1	126.0		
	4	30.0	811.5	108.4		
	5	40.0	911.2	99.7		
	6	50.0	1007.6	96.4		
F	7	59.1	1079.3	71.7		
			SECOND CLOSED-IN			
F	1	0.0	1079.3			
	2	8.0	1750.4	671.1	7.2	1.013
	3	16.0	1768.4	689.0	13.1	0.753
	4	24.0	1776.1	696.7	18.1	0.613
	5	32.0	1780.0	700.7	22.4	0.522
	6	40.0	1782.6	703.2	26.0	0.457
	7	48.0	1784.1	704.8	29.2	0.406
	8	56.0	1785.6	706.3	31.9	0.367
	9	64.0	1786.6	707.3	34.4	0.335
	10	72.0	1787.4	708.1	36.6	0.308
	11	80.0	1787.5	708.2	38.6	0.286

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
			SECOND CLOSED-IN - CONTINUED			
	12	88.0	1787.9	708.6	40.3	0.266
	13	96.0	1788.6	709.2	41.9	0.249
	14	104.0	1789.2	709.9	43.4	0.234
	15	112.0	1789.2	709.9	44.7	0.221
G	16	119.1	1788.8	709.4	45.8	0.211

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE.....	4.500	3.826	3627.0	
3	DRILL COLLARS.....	6.750	2.250	291.4	
50	IMPACT REVERSING SUB.....	6.000	2.750	1.0	3919.0
3	DRILL COLLARS.....	6.750	2.250	86.8	
5	CROSSOVER.....	6.125	2.500	1.2	
13	DUAL CIP SAMPLER.....	5.000	0.750	6.8	
60	HYDROSPRING TESTER.....	5.000	0.750	5.0	4018.0
80	AP RUNNING CASE.....	5.000	2.250	4.1	4020.0
15	JAR.....	5.000	1.750	5.0	
16	VR SAFETY JOINT.....	5.000	1.000	2.8	
70	OPEN HOLE PACKER.....	7.750	1.530	7.4	4037.0
18	DISTRIBUTOR VALVE.....	5.000	1.680	2.0	
70	OPEN HOLE PACKER.....	7.750	1.530	7.4	4046.0
20	FLUSH JOINT ANCHOR.....	5.750	3.500	33.0	
81	BLANKED-OFF RUNNING CASE.....	5.750		4.1	4082.0

TOTAL DEPTH 4085.0

EQUIPMENT DATA

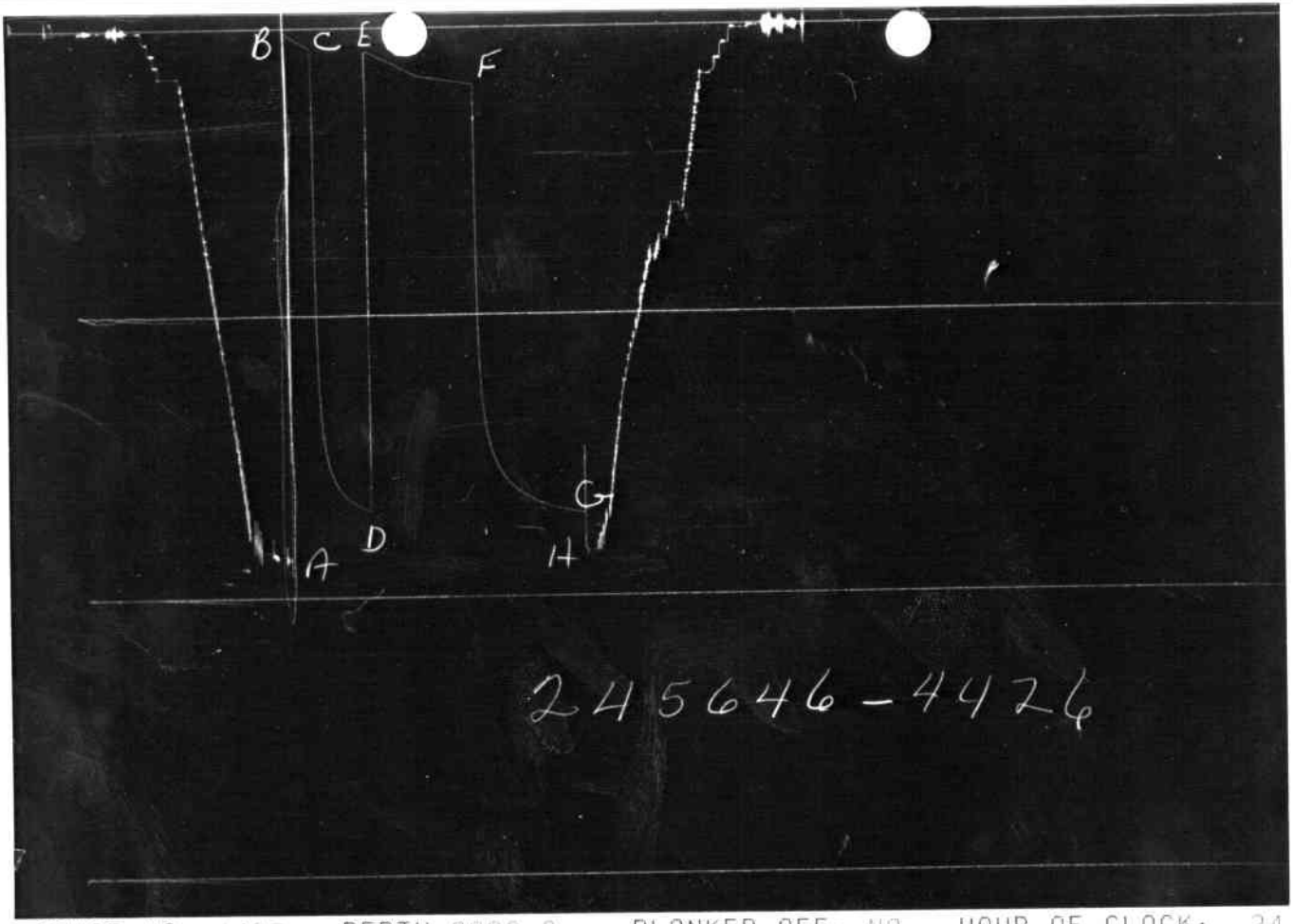
RECEIVED
MAY 16 1986
DIVISION OF
OIL, GAS & MINING

HALLIBURTON
SERVICES

TICKET NO. 24564600
13-MAY-86
VERNAL

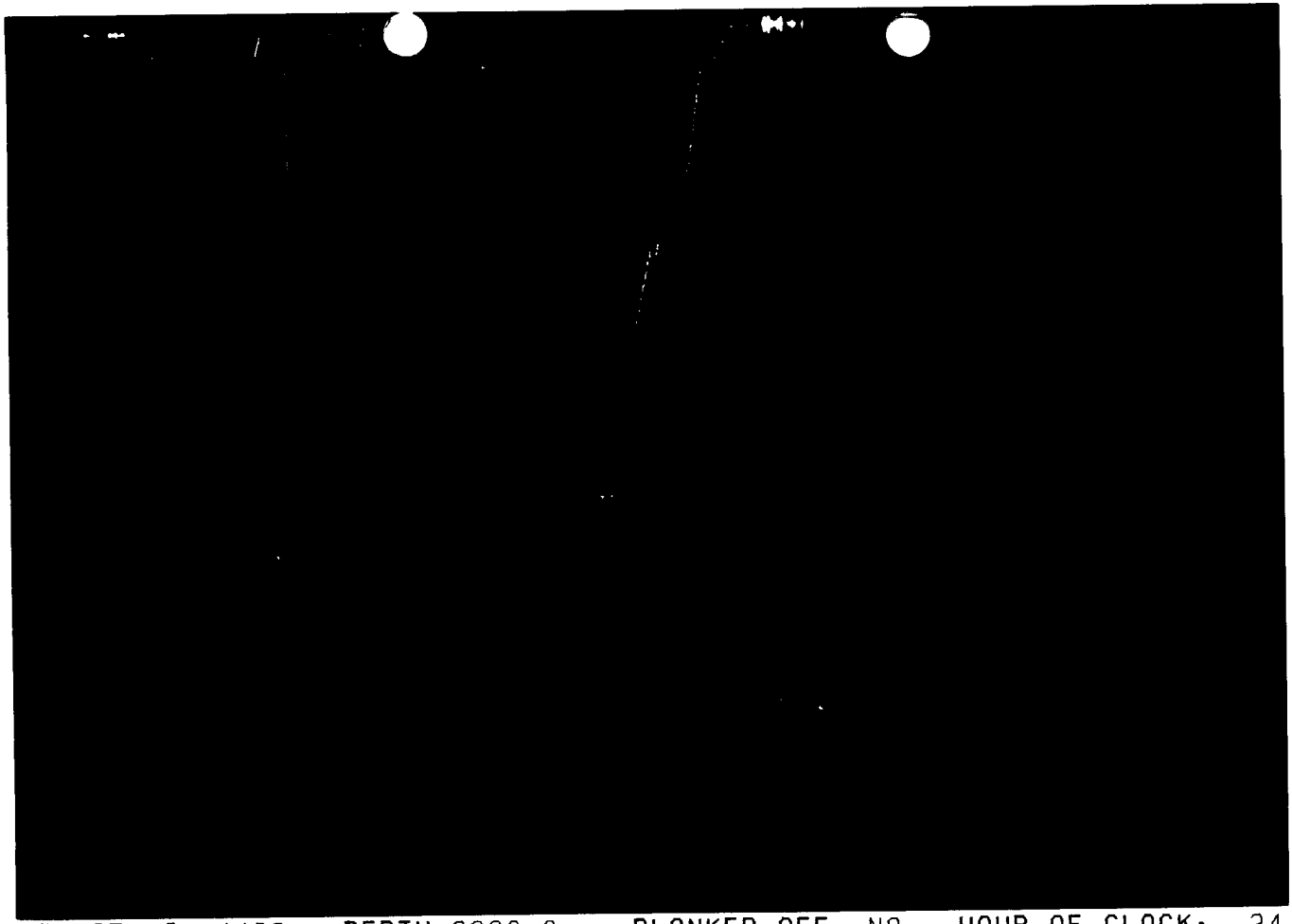
FORMATION TESTING SERVICE REPORT

LEASE NAME: CLIFF RIDGE UNIT	WELL NO.: 1	TEST NO.: 2	LEASE OWNER/COMPANY NAME: CELSIUS ENERGY COMPANY
LEGAL LOCATION SEC. - TWP. - RNG.: 1-6S-24E	FIELD AREA: WILDCAT	TESTED INTERVAL: 4006.0 - 4035.0	
	COUNTY: UINTAH	STATE: UTAH	DR



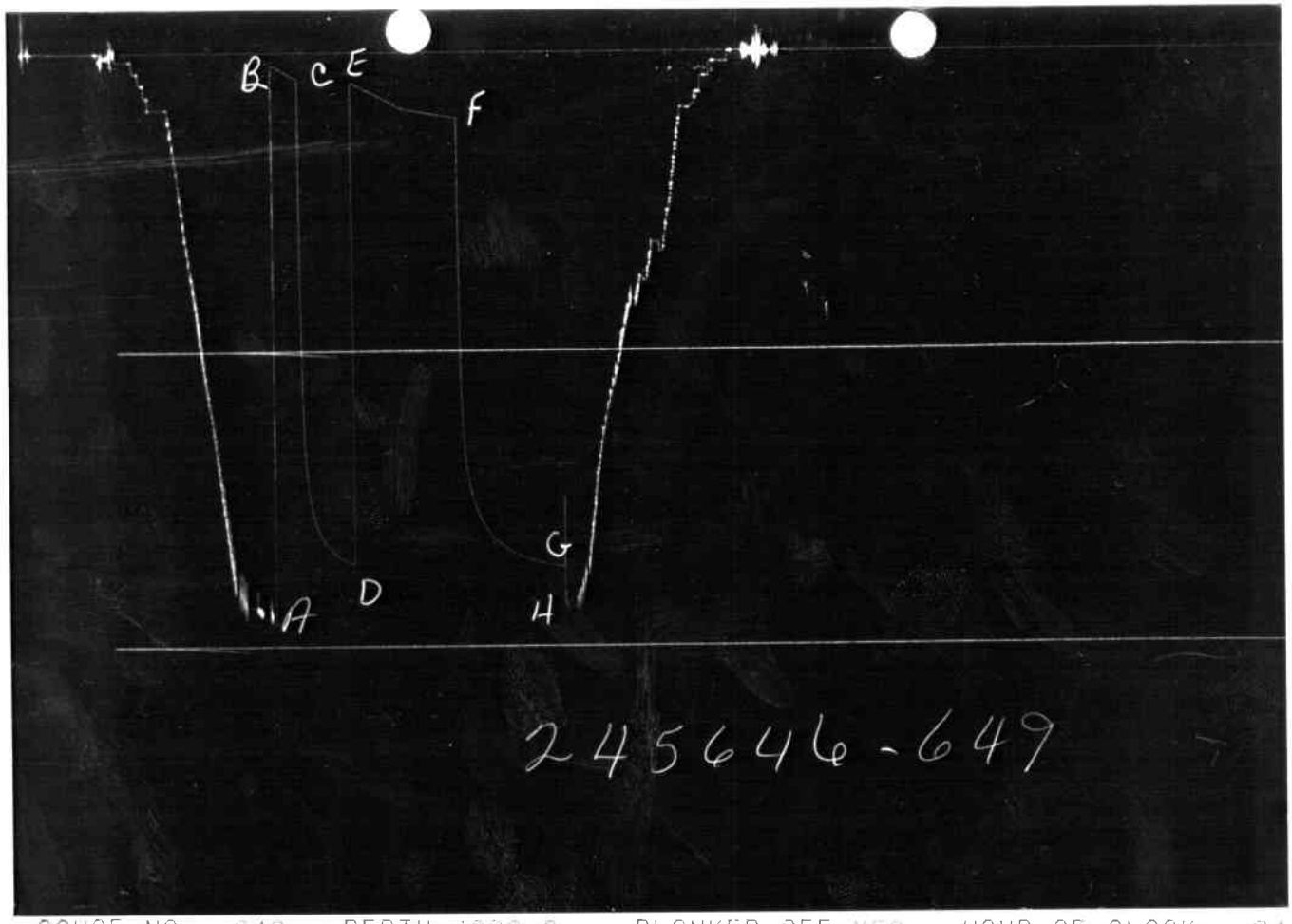
GAUGE NO: 4426 DEPTH: 3980.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	



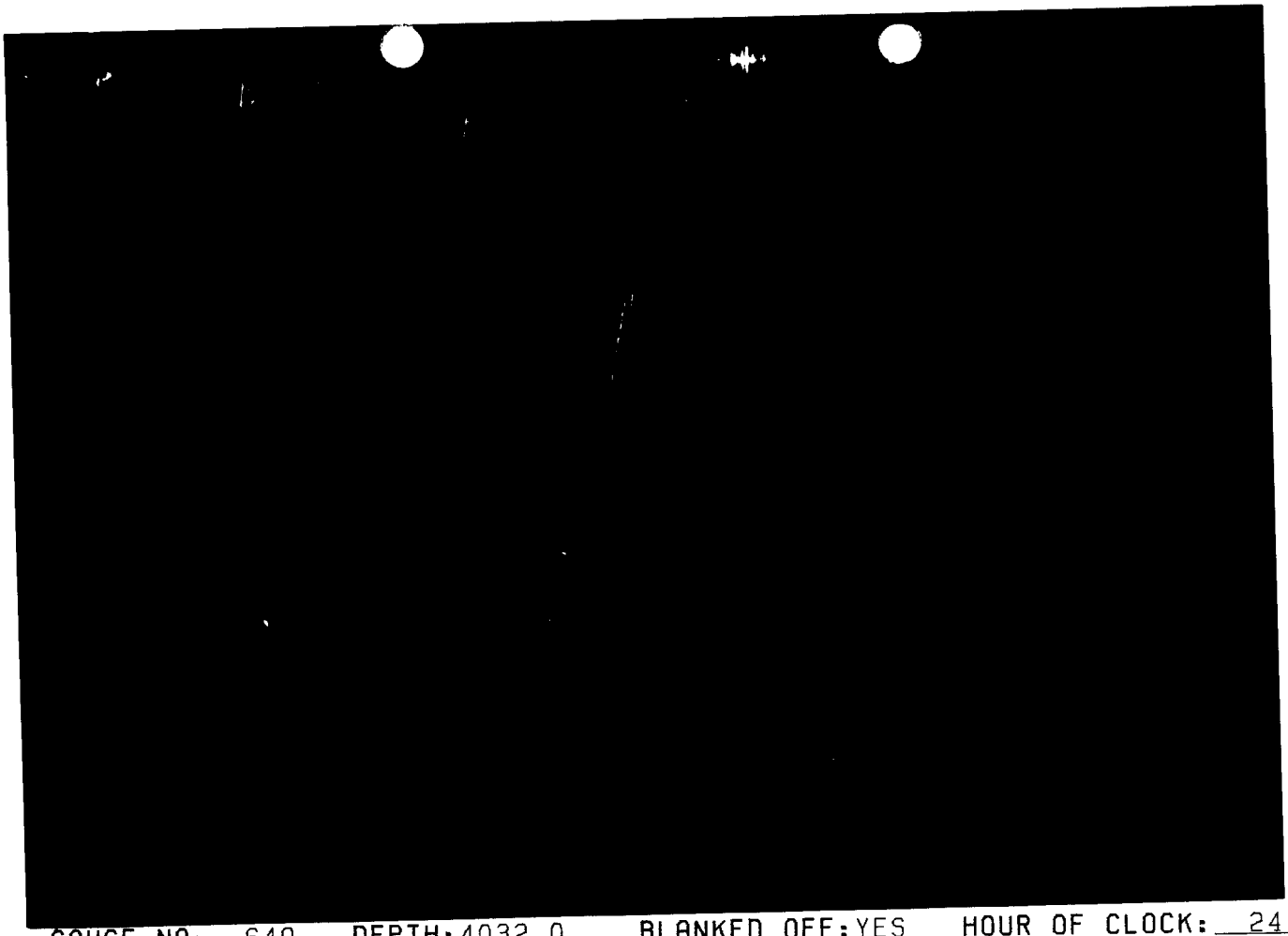
GAUGE NO: 4426 DEPTH: 3980.0 BLANKED OFF: NO HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1869	1858.5			
B	INITIAL FIRST FLOW	19	7.6	30.0	30.3	F
C	FINAL FIRST FLOW	65	63.9			
C	INITIAL FIRST CLOSED-IN	65	63.9	60.0	58.8	C
D	FINAL FIRST CLOSED-IN	1711	1699.1			
E	INITIAL SECOND FLOW	74	77.9	120.0	123.0	F
F	FINAL SECOND FLOW	204	193.4			
F	INITIAL SECOND CLOSED-IN	204	193.4	120.0	117.9	C
G	FINAL SECOND CLOSED-IN	1711	1711.2			
H	FINAL HYDROSTATIC	1860	1842.8			



GAUGE NO: 549 DEPTH: 4032.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1882	1884.8			
B	INITIAL FIRST FLOW	53	48.2	30.0	30.3	F
C	FINAL FIRST FLOW	89	91.7			
C	INITIAL FIRST CLOSED-IN	89	91.7	60.0	58.8	C
D	FINAL FIRST CLOSED-IN	1721	1724.5			
E	INITIAL SECOND FLOW	98	110.5			



GAUGE NO: 649 DEPTH: 4032.0 BLANKED OFF: YES HOUR OF CLOCK: 24

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1882	1884.8			
B	INITIAL FIRST FLOW	53	48.2	30.0	30.3	F
C	FINAL FIRST FLOW	89	91.7			
C	INITIAL FIRST CLOSED-IN	89	91.7	60.0	58.8	C
D	FINAL FIRST CLOSED-IN	1721	1724.5			
E	INITIAL SECOND FLOW	98	110.5	120.0	123.0	F
F	FINAL SECOND FLOW	222	222.1			
F	INITIAL SECOND CLOSED-IN	222	222.1	120.0	117.9	C
G	FINAL SECOND CLOSED-IN	1730	1733.9			
H	FINAL HYDROSTATIC	1863	1869.1			

EQUIPMENT & HOLE DATA

FORMATION TESTED: WEBER
NET PAY (ft):
GROSS TESTED FOOTAGE: 29.0
ALL DEPTHS MEASURED FROM: KELLY BUSHING
CASING PERFS. (ft):
HOLE OR CASING SIZE (in): 8.750
ELEVATION (ft): 5468.0 GROUND LEVEL
TOTAL DEPTH (ft): 4035.0
PACKER DEPTH(S) (ft): 3997, 4006
FINAL SURFACE CHOKE (in):
BOTTOM HOLE CHOKE (in): 0.750
MUD WEIGHT (lb/gal): 8.90
MUD VISCOSITY (sec): 45
ESTIMATED HOLE TEMP. (°F):
ACTUAL HOLE TEMP. (°F): 97 @ 4031.0 ft

TICKET NUMBER: 24564600

DATE: 5-7-86 TEST NO: 2

TYPE DST: OPEN HOLE

HALLIBURTON CAMP: VERNAL

TESTER: R. RIPPLE, B. TENNEY

WITNESS: BOB CHRISTOFFERSON

DRILLING CONTRACTOR: OLSON DRILLING #2

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY		CHLORIDES
MUD PIT	1.150 @ 68 °F		3090 ppm
TOP FLUID (8.7#)	1.200 @ 68 °F		3030 ppm
MIDDLE FLUID (8.4#)	2.120 @ 68 °F		1697 ppm
BTM. FLUID (8.33#)	3.600 @ 68 °F		909 ppm
SAMPLER (8.33#)	3.200 @ 68 °F		1030 ppm
	@ °F		ppm

SAMPLER DATA

Pstg AT SURFACE: 0.0
cu.ft. OF GAS:
cc OF OIL:
cc OF WATER: 2200.0
cc OF MUD:
TOTAL LIQUID cc: 2200.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F
GAS/OIL RATIO (cu.ft. per bbl):
GAS GRAVITY:

CUSHION DATA

TYPE	AMOUNT	WEIGHT

RECOVERED:

372' OF WATER CUT MUD

MEASURED FROM TESTER VALVE

REMARKS:

TYPE & SIZE MEASURING DEVICE: _____					TICKET NO: 24564600
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
5-7-86					
0716					ON LOCATION
0845					PICKED UP TOOLS
0943					WENT IN HOLE WITH TOOLS
1238	1/8BH				OPENED TOOL WITH A WEAK BLOW
1243	1/8BH				1/2" BLOW IN WATER
1248	1/8BH				1/2" BLOW IN WATER
1253	1/8BH				1/2" BLOW IN WATER
1258	1/8BH				1/2" BLOW IN WATER
1303	1/8BH				3/4" BLOW IN WATER
1308	1/8BH				3/4" BLOW IN WATER-CLOSED
					TOOLS
1408	1/8BH				OPENED TOOLS
1413	1/8BH				1/2" BLOW IN WATER
1418	1/8BH				3/4" BLOW IN WATER
1423	1/8BH				7/8" BLOW IN WATER
1428	1/8BH				1" BLOW IN WATER
1433	1/8BH				1" BLOW IN WATER
1438	1/8BH				1" BLOW IN WATER
1443	1/8BH				1" BLOW IN WATER
1448	1/8BH				1" BLOW IN WATER
1453	1/8BH				7/8" BLOW IN WATER
1458	1/8BH				3/4" BLOW IN WATER
1503	1/8BH				3/4" BLOW IN WATER
1508	1/8BH				3/4" BLOW IN WATER
1518	1/8BH				3/4" BLOW IN WATER
1528	1/8BH				1" BLOW IN WATER
1538	1/8BH				1 1/4" BLOW IN WATER
1548	1/8BH				1 1/4" BLOW IN WATER
1558	1/8BH				1 1/4" BLOW IN WATER
1608	1/8BH				1 1/4" BLOW IN WATER-CLOSED
					TOOL
1808					OPENED BYPASS, RIGGED DOWN
					SURFACE EQUIPMENT
1819					LAID DOWN 5 JOINTS-PULLED
					OUT OF HOLE
2126					DRAINED SAMPLER-BROKE AND LAID

TYPE & SIZE MEASURING DEVICE: ______________________ TICKET NO: 24564600

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
					DOWN TOOLS
2245					JOB COMPLETED

TICKET NO: 24564600	GAUGE NO: 4426
CLOCK NO: 7139 HOUR: 24	DEPTH: 3980.0

HALLIBURTON SERVICES

FIRST FLOW

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
B	1	0.0	7.6			
	2	3.0	13.5	5.8		
	3	6.0	20.9	7.4		
	4	9.0	26.7	5.8		
	5	12.0	31.9	5.2		
	6	15.0	36.7	4.8		
	7	18.0	41.9	5.2		
	8	21.0	47.3	5.4		
	9	24.0	52.6	5.3		
	10	27.0	58.1	5.5		
C	11	30.3	63.9	5.8		

FIRST CLOSED-IN

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
C	1	0.0	63.9			
	2	4.0	1370.2	1306.3	3.5	0.932
	3	8.0	1477.6	1413.6	6.3	0.680
	4	12.0	1532.4	1468.5	8.6	0.546
	5	16.0	1574.6	1510.7	10.5	0.460
	6	20.0	1601.7	1537.8	12.0	0.400
	7	24.0	1621.5	1557.6	13.4	0.354
	8	28.0	1638.3	1574.4	14.6	0.318
	9	32.0	1651.1	1587.2	15.5	0.289
	10	36.0	1662.7	1598.8	16.4	0.265
	11	40.0	1671.3	1607.4	17.2	0.245
	12	44.0	1679.5	1615.6	17.9	0.227
	13	48.0	1686.0	1622.1	18.6	0.212
	14	52.0	1690.9	1626.9	19.1	0.199
	15	56.0	1696.2	1632.3	19.6	0.188
D	16	58.8	1699.1	1635.2	20.0	0.180

SECOND FLOW

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
E	1	0.0	77.9			
	2	10.0	85.0	7.1		
	3	20.0	100.6	15.6		
	4	30.0	114.7	14.1		
	5	40.0	130.7	16.0		
	6	50.0	146.7	16.0		
	7	60.0	161.0	14.4		
	8	70.0	167.8	6.8		
	9	80.0	172.6	4.8		
	10	90.0	178.2	5.6		
	11	100.0	182.7	4.5		
	12	110.0	188.2	5.5		
	13	120.0	192.4	4.2		
F	14	123.0	193.4	1.0		

SECOND CLOSED-IN

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
F	1	0.0	193.4			
	2	8.0	1397.2	1203.8	7.6	1.304
	3	16.0	1501.3	1307.9	14.5	1.024
	4	24.0	1557.3	1363.9	20.8	0.868
	5	32.0	1593.5	1400.1	26.5	0.763
	6	40.0	1618.8	1425.3	31.7	0.684
	7	48.0	1639.7	1446.3	36.6	0.622
	8	56.0	1654.9	1461.4	41.0	0.572
	9	64.0	1668.6	1475.1	45.2	0.531
	10	72.0	1677.6	1484.2	49.0	0.495
	11	80.0	1686.2	1492.8	52.6	0.465
	12	88.0	1693.0	1499.6	55.9	0.438
	13	96.0	1699.0	1505.6	59.0	0.414
	14	104.0	1704.1	1510.7	62.0	0.393
	15	112.0	1708.6	1515.2	64.7	0.374
G	16	117.9	1711.2	1517.8	66.6	0.362

REMARKS:

TICKET NO: 24564600	GAUGE NO: 649
CLOCK NO: 2786 HOUR: 24	DEPTH: 4032.0

HALLIBURTON SERVICES

FIRST FLOW

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
B	1	0.0	48.2			
	2	3.0	44.2	-4.0		
	3	6.0	48.8	4.5		
	4	9.0	54.1	5.3		
	5	12.0	59.8	5.7		
	6	15.0	65.1	5.3		
	7	18.0	70.7	5.6		
	8	21.0	76.6	5.9		
	9	24.0	81.2	4.6		
	10	27.0	86.3	5.1		
C	11	30.3	91.7	5.3		

FIRST CLOSED-IN

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
C	1	0.0	91.7			
	2	4.0	1354.6	1262.9	3.5	0.936
	3	8.0	1497.3	1405.6	6.4	0.678
	4	12.0	1557.3	1465.7	8.6	0.548
	5	16.0	1595.0	1503.3	10.5	0.461
	6	20.0	1622.3	1530.7	12.0	0.401
	7	24.0	1643.8	1552.1	13.4	0.354
	8	28.0	1661.6	1569.9	14.5	0.318
	9	32.0	1675.0	1583.3	15.5	0.289
	10	36.0	1685.6	1594.0	16.4	0.265
	11	40.0	1695.3	1603.6	17.2	0.245
	12	44.0	1703.9	1612.3	17.9	0.227
	13	48.0	1710.9	1619.2	18.6	0.212
	14	52.0	1716.5	1624.9	19.1	0.199
	15	56.0	1721.3	1629.7	19.6	0.188
D	16	58.8	1724.5	1632.8	20.0	0.180

SECOND FLOW

REF		MINUTES	PRESSURE	ΔP
E	1	0.0	110.5	
	2	10.0	112.9	2.4
	3	20.0	128.9	16.0
	4	30.0	142.2	13.3
	5	40.0	158.0	15.8
	6	50.0	173.8	15.9
	7	60.0	188.9	15.1
	8	70.0	195.4	6.5
	9	80.0	200.0	4.6
	10	90.0	205.5	5.5
	11	100.0	210.5	5.1
	12	110.0	214.9	4.3
	13	120.0	220.2	5.3
F	14	123.0	222.1	1.9

SECOND CLOSED-IN

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
F	1	0.0	222.1			
	2	8.0	1416.8	1194.7	7.6	1.304
	3	16.0	1521.5	1299.4	14.5	1.024
	4	24.0	1577.8	1355.7	20.7	0.869
	5	32.0	1618.2	1396.1	26.5	0.762
	6	40.0	1643.3	1421.2	31.7	0.684
	7	48.0	1664.0	1441.9	36.5	0.623
	8	56.0	1680.4	1458.3	41.0	0.573
	9	64.0	1692.9	1470.9	45.1	0.531
	10	72.0	1702.7	1480.6	49.0	0.495
	11	80.0	1711.4	1489.4	52.6	0.465
	12	88.0	1718.8	1496.7	55.9	0.438
	13	96.0	1724.1	1502.0	59.0	0.414
	14	104.0	1729.1	1507.0	62.0	0.393
	15	112.0	1732.8	1510.7	64.7	0.374
G	16	117.9	1733.9	1511.9	66.6	0.362

REMARKS:

		O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE.....	4.500	3.826	3616.0	
3	DRILL COLLARS.....	6.750	2.250	261.5	
50	IMPACT REVERSING SUB.....	6.000	2.750	1.0	3878.0
3	DRILL COLLARS.....	6.750	2.250	87.3	
5	CROSSOVER.....	6.000	2.500	1.2	
13	DUAL CIP SAMPLER.....	5.000	0.750	7.0	
60	HYDROSPRING TESTER.....	5.000	0.750	5.0	3978.0
80	AP RUNNING CASE.....	5.000	2.250	4.1	3980.0
15	JAR.....	5.000	1.750	5.0	
16	VR SAFETY JOINT.....	5.000	1.000	2.8	
70	OPEN HOLE PACKER.....	7.750	1.530	7.4	3997.0
18	DISTRIBUTOR VALVE.....	5.000	1.680	2.0	
70	OPEN HOLE PACKER.....	7.750	1.530	7.4	4006.0
20	FLUSH JOINT ANCHOR.....	5.700	3.500	23.0	
81	BLANKED-OFF RUNNING CASE.....	5.750		4.1	4032.0
	TOTAL DEPTH				4035.0

EQUIPMENT DATA

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole
2. NAME OF OPERATOR: Celsius Energy Company
3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SE NW, 1996' FWL, 1627' FNL

5. LEASE DESIGNATION AND SERIAL NO.: U-53645
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --
7. UNIT AGREEMENT NAME: Cliff Ridge
8. FARM OR LEASE NAME: Unit
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Cliff Ridge
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

14. PERMIT NO.: 43-047-31705
15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468' KB 5482.30'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	XX
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above captioned well was spudded on April 21, 1986 and reached total depth of 4313' on May 11, 1986. The 13-3/8-inch O.D., 48-pound and 54.4-pound, H-40 and K-55, 8 round thread, ST&C casing was run to 319.24 feet KBM.

The well was drilled out below the casing shoe and three drill stem tests indicated no commercial hydrocarbons. Verbal permission to plug and abandon this well was received on May 11, 1986 from Jamie Sparger. The well was plugged and abandoned May 14, 1986 as follows:

1. Plug No. 1 - 125 sacks of 50-50 Pozmix with 3% CaCl from 4102' to 3886' KBM and tagged.
2. Plug No. 2 - 125 sacks of 50-50 Pozmix with 3% CaCl from 1989' to 1800' KBM and tagged.
3. Plug No. 3 - 120 sacks of 50-50 Pozmix from 406' to 260'.
4. Plug No. 4 - 75 sacks of Regular from 250' to 140'.
5. Plug No. 5 - 25 sacks of Regular from 40' to surface.

RECEIVED
MAY 19 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Director, Petroleum Eng. DATE May 14, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5-23-86
BY: [signature]

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-013
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: U-53645
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry Hole
7. UNIT AGREEMENT NAME: Cliff Ridge
2. NAME OF OPERATOR: Celsius Energy Company
8. FARM OR LEASE NAME: Unit
3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902
9. WELL NO.: 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SE NW, 1996' FWL, 1627' FNL
10. FIELD AND POOL, OR WILDCAT: Cliff Ridge
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E
14. PERMIT NO.: 43-047-31705
15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468' KB 5482.30'
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	XX
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above captioned well was spudded on April 21, 1986 and reached total depth of 4313' on May 11, 1986. The 13-3/8-inch O.D., 48-pound and 54.4-pound, H-40 and K-55, 8 round thread, ST&C casing was run to 319.24 feet KBM.

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3. Plug No. 3 - 120 sacks of 50-50 Pozmix from 406' to 260'.
4. Plug No. 4 - 75 sacks of Regular from 250' to 140'.
5. Plug No. 5 - 25 sacks of Regular from 40' to surface.

RECEIVED
MAY 19 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Director, Petroleum Eng. DATE May 14, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5-23-86
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

b

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

RECEIVED
MAY 19 1986
DIVISION OF OIL, GAS & MINING

2. NAME OF OPERATOR: Celsius Energy Company

3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: SE NW, 1996' FWL, 1627' FNL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-53645
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --
7. UNIT AGREEMENT NAME: Cliff Ridge
8. FARM OR LEASE NAME: Unit
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Cliff Ridge
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 1-6S-24E

RAT HOLE 4-14-86

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-31705		Uintah	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-21-86	5-11-86	5-14-86	GR 5468'	5468'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4313'	4313'	--	→	0-4313'	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction-SFL, Borehole Sonic, CNL-FDC, High Resolution Dipmeter, Cyberdip, CBL-CCL, Fracture Identification

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-5/8	48	319.24	17-1/2	390 sacks 50-50 Pozmix A with 2% gel and 3% CaCl	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*): None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
N/A	N/A	Plugged

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

860602 cp

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Thomas Conley TITLE Director, Petroleum Eng. DATE May 14, 1986

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Park City	3942'	3990'	DST #1: TD 3990, Pkrs 3933 & 3942, IO 15 mins, ISI 30 mins, FO 30 mins, FSI 90 mins, opened weak, declined to dead in 15 mins, no gas, reopened dead, remained dead, no gas, recovered 3' mud, 8.9 ppg, Res 1.02, chl 5800, sample chamber 2200 cc mud, 9.1 ppg, Res 0.8; pit mud 9.0 ppg, Res 1.6, chl 3850, IHHP 1860, IOFP's 9-9, ISIP 9, FOFP's 9-9, FSIP 9, FHHP 1841, BHT 96°F.
Park City/ Weber	4006'	4035'	DST #2: TD 4035', Pkrs 3997 & 4006, IO 30 mins, ISI 60 mins, FO 120 mins, FSI 120 mins, opened weak, continued throughout, reopened dead, no gas, recovered 372' wtr cut mud, 8.7 ppg, Res 1.2, 5800 ppm, 8.4 ppg, Res 2.12, 2800 ppm, 8.3 ppg, Res 3.6, 1500 ppm, sample chamber rec 2200 cc mud, 8.3 ppg, Res 3.2, 1700 ppm, pit mud 8.9 ppg, Res 1.15, 5100 ppm; IHHP 1870, IOFP's 19-65, ISIP 1711, FOFP's 74-204, FSIP 1711, FHHP 1860, BHT 97°F.
Weber	4046'	4085'	DST #3: TD 4085, Pkrs 4037 & 4046, IO 15 mins, ISI 60 mins, FO 60 mins, FSI 120 mins, opened weak inc to strong in 5 mins, NGTS, reopened weak inc to strong in 5 mins, NGTS, rec 2499' wtr, 8.3 ppg, 15.6 ohm-m, sample chamber rec 2240 cc wtr, 14 psig, 8.3 ppg, 15.6 ohm-m, pit mud 8.9 ppg, 1.08 ohm-m, 3515 ppm, IHHP 1879, IOFP's 93-371, ISIP 1967, FOFP's 408-1049, FSIP 1767, FHHP 1879, BHT 99°F.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Alluvium	0	
Morrison	25	
Entrada	1,600	
Carmel	2,130	
Navajo	2,300	
Chinle	3,086	
Shinarump	3,192	
Moenkopi	3,300	
Park City	3,850	
Weber	4,015	

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: U-53645 12163

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER: Dry and Abandoned

7. UNIT AGREEMENT NAME: Cliff Ridge

2. NAME OF OPERATOR: Celsius Energy Company

8. FARM OR LEASE NAME: Unit

3. ADDRESS OF OPERATOR: P. O. Box 458, Rock Springs, Wyoming 82902

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1996' FWL, 1627' FNL, SE NW

10. FIELD AND POOL, OR WILDCAT: Cliff Ridge

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 1-6S-24E

14. PERMIT NO.: 43-047-31705

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GR 5468'

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Location Reclamation			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that the above captioned well location has been reclaimed and seeded as of September 24, 1986.

RECEIVED
DEC 12 1986
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Lee Martin TITLE Drilling Superintendent DATE 12-9-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Expire 5-2-87

FILING FOR WATER IN THE STATE OF UTAH

APPLICATION TO APPROPRIATE WATER

Rec. by SA
Fee Paid $ 15.00/20233
Platted
Microfilmed
Roll #

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

APR 21 1986
WATER RIGHTS
SALT LAKE

WATER USER CLAIM NO. 49 - 1391 **APPLICATION NO. T61668**

1. **PRIORITY OF RIGHT:** April 15, 1986 **FILING DATE:** April 15, 1986

2. **OWNER INFORMATION**
Name: D.E. Casada
Address: P.O. Box K, Vernal, UT 84078
The land is not owned by the applicant(s), see explanatory.

3. **QUANTITY OF WATER:** 4.0 acre feet (Ac. Ft.)

4. **SOURCE:** Cocklebur Wash **DRAINAGE:** SE Unita Basin
POINT(S) OF DIVERSION: **COUNTY:** Uintah
(1) S. 1450 feet, E. 1750 feet, from the NW Corner of Section 14,
Township 6 S, Range 24 E, SLB&M
Description of Diverting Works: Pump from stream
COMMON DESCRIPTION:

5. **NATURE AND PERIOD OF USE**
Oil Exploration From April 15 to March 11.

6. **PURPOSE AND EXTENT OF USE**
Oil Exploratio: Oil Well drilling and completion on Cliff Ridge Unit #1 oil well.
Will be used from April 15, 1986 to March 11, 1987.

7. **PLACE OF USE**
The water is used in all or parts of each of the following legal subdivisions.

			North East Quarter				North West Quarter				South West Quarter				South East Quarter			
TOWN	RANGE	SEC	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼
6 S	24 E	1								X								

All locations in Salt Lake Base and Meridian

EXPLANATORY

Oil Well Drilling on an oil lease.

MICROFILMED

Appropriate

Expire 5-9-87

? PHA

FILING FOR WATER IN THE STATE OF UTAH

110593

Rec. by SA

Fee Paid $ 15.00 2002

Platted

Microfilmed

Roll #

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

Cabinet Energy

WATER USER CLAIM NO. 49 - 1389 **APPLICATION NO. T61589**

1. **PRIORITY OF RIGHT:** March 11, 1986 **FILING DATE:** March 11, 1986

2. **OWNER INFORMATION**
Name: D. E. Casada
Address: P.O.Box K, Vernal, UT 84078
The land is not owned by the applicant(s), see explanatory.

3. **QUANTITY OF WATER:** 4.0 acre feet (Ac. Ft.)

4. **SOURCE:** Green River **DRAINAGE:** SE Unita Basin
POINT(S) OF DIVERSION: **COUNTY:** Uintah
(1) W. 2640 feet, from the NE Corner of Section 28,
Township 5 S, Range 23 E, SLB&M
Description of Diverting Works: pumped into tank trucks
COMMON DESCRIPTION: .50 Mi. So. Jensen

5. **NATURE AND PERIOD OF USE**
Oil Recovery: From March 11 to March 11.

43.047.31705

6. **PURPOSE AND EXTENT OF USE**
Oil Recovery: Oil Well drilling and completion of Cliff Ridge Unit # 1

7. **PLACE OF USE**
The water is used in all or parts of each of the following legal subdivisions.

			North East Quarter				North West Quarter				South West Quarter				South East Quarter			
TOWN	RANGE	SEC	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼
6 S	24 E	1								X								

All locations in Salt Lake Base and Meridian

EXPLANATORY

Diversion is on State Road Right of way

MICROFILMED

Appropriate